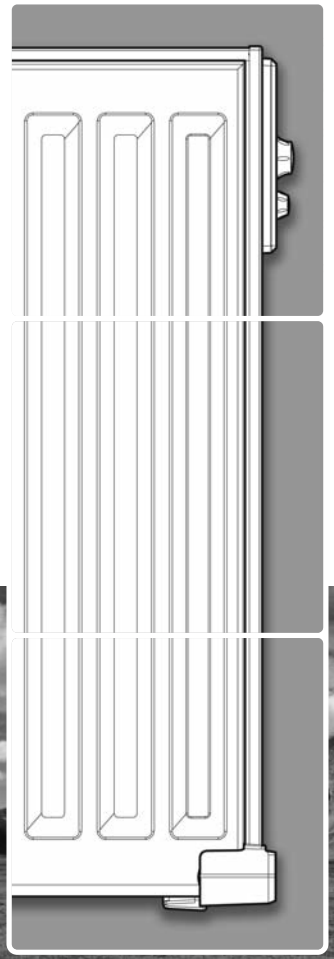
MYSON Eastern Avenue, Team Valley, Gateshead, Tyne & Wear NE11 0PG, UK
T: 0845 402 3434, F: 0191 491 7568, sales@myson.co.uk, www.myson.co.uk

FINESSE.

INSTALLATION, OPERATING & INSTRUCTION MANUAL



Please leave this manual with the end user.
Class 1 - 230V - 50 Hz

heatingthrough**innovation.**

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01.01.2014

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SAFETY INFORMATION

This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge, if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.

Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children unless they are older than 8 and supervised.

Keep the appliance and its cord out of reach of children aged less than 8 years.

Children of less than 3 years should be kept away from the unit unless continuously supervised.

Children aged from 3 years and less than 8 years shall only switch on/off the appliance provided that it has been placed or installed in its normal operating position and they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.

Children aged from 3 years and less than 8 years shall not plug in, regulate, clean the appliance or perform user maintenance.

1.0 Warnings & Safety Information (cont...)

CAUTION

Some parts of this product can become very hot and cause burns. Particular attention has to be given where children and vulnerable people are present.

In order to avoid overheating, do not cover the radiator. "Do not cover" means that the radiator must not be used for drying clothes, for example, by placing them directly on the radiator.

IMPORTANT SAFETY INSTRUCTIONS!

Before starting work disconnect power supply!

All installation work and wiring work related to the radiators, thermostats and programmers must be carried out only when de-energized.

The appliance should be installed by and commissioned by qualified professionals only.

Make sure to adhere to valid safety regulations.

Any repairs or maintenance within the warranty period should be carried out only by approved service engineers confirmed by MYSON.

For the correct installation of radiators it is essential that the fixing of the radiator is carried out in such a way that it is suitable for intended use AND predictable misuse. A number of elements need to be taken into consideration including the fixing method used to secure the radiator to the wall, the type and condition of the wall itself, and any additional potential forces or weights, prior to finalising installation. **IN ALL CASES IT IS STRONGLY RECOMMENDED THAT A SUITABLY QUALIFIED PROFESSIONAL INSTALLER OR SIMILAR TRADESPERSON CARRIES OUT THE INSTALLATION.**

PLEASE NOTE: The fixing materials provided are only intended for installation on walls made of solid wood, bricks, concrete or on timber-frame stud walls where the fixing is into the timber. All walls being considered should have no more than a maximum of 3mm wall finishing. For walls made of other materials, for example hollow bricks, please consult your installer and/or specialist supplier. **ONCE AGAIN, IF YOU ARE UNSURE, IT IS STRONGLY RECOMMENDED THAT A SUITABLY QUALIFIED PROFESSIONAL INSTALLER OR SIMILAR TRADESPERSON CARRIES OUT THE INSTALLATION.**

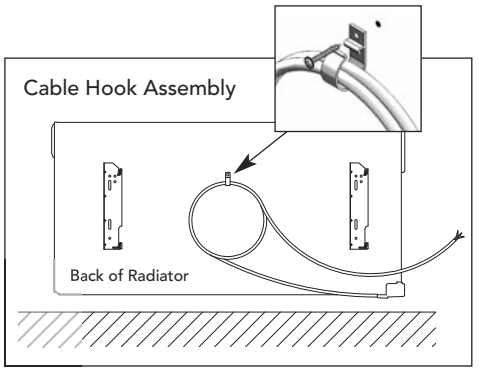
The radiator is equipped with an overheat protection that cannot be reset (melt fuse). This overheat protection disconnects the current if the radiator becomes too hot (e.g. when covered).

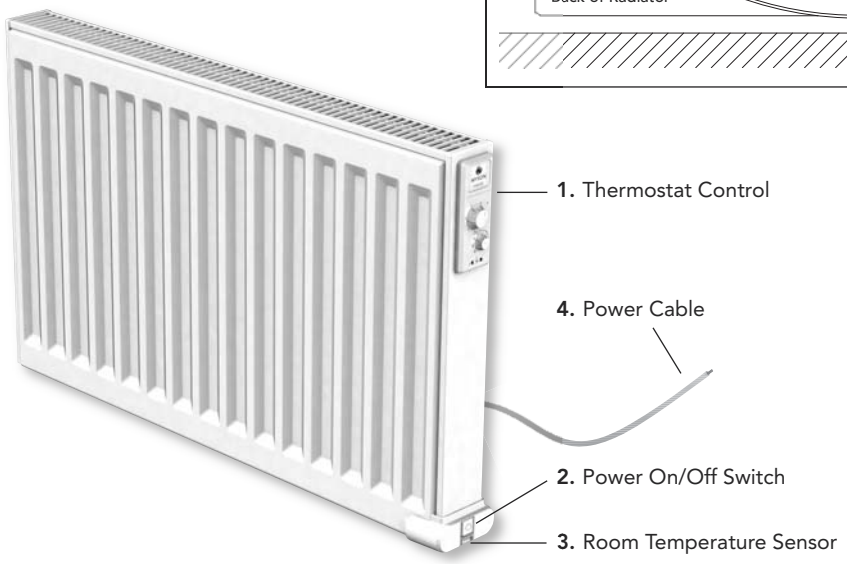
If the supply cord is damaged, it must be replaced by the manufacturer, his service agent or similar qualified persons in order to avoid a hazard.

The radiator is filled with an exact amount of environmental friendly vegetable oil. Any repairs that require the radiator to be opened shall therefore only be carried out by the manufacturer or his approved agent. Please contact MYSON in case of leakage.

2.0 General Information

- This appliance is a sealed electric radiator designed for fixed wall-mounted installation.
- This appliance conforms to the standards EN 60 335-1 and EN 60 335-2-30.
- This appliance is class 1 and splash resistant (IP44).
- This appliance complies with the European Directive 2004/108/EC (CE Marking on all appliances).
- This unit is supplied complete with a connection cable and wall brackets.





3.0 Warranty

The product is covered by a 10 year warranty except for the electrical and electronic components that are covered by a 2 year warranty.

4.0 Installation

POSITIONING

- The radiator must be positioned horizontally, the right way up on the wall in order for it to function correctly. Never switch the radiator on in any other position as this will damage the electrical element.
- The radiator must be positioned according to the applicable standards and the minimum distances as specified in figure 1 should be carefully observed.
- The radiator must not be located underneath an electric socket.

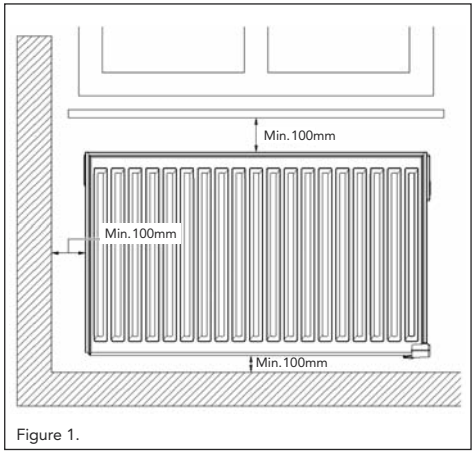


Figure 1.

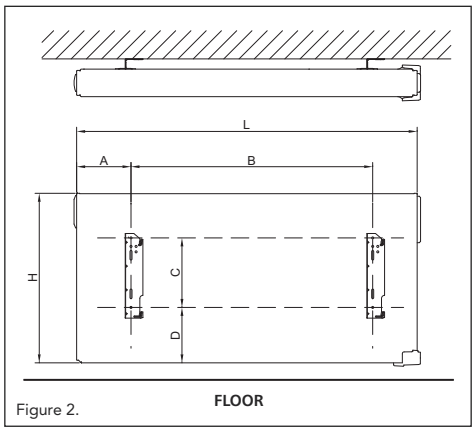


Figure 2.

Safety Clip-on Brackets

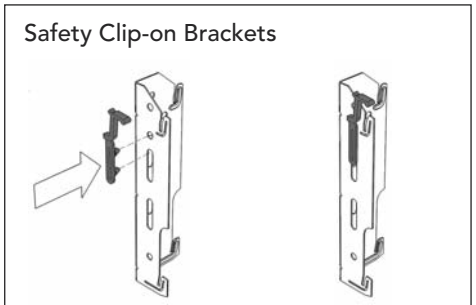


Figure 3.

- This product is splash resistant with an IP44 rating. This must be considered when installing in a location containing a bath or shower, as defined by BS 7671.
- The radiator may be positioned in zone 2 (figure 4) of the bathroom, in so far as no operating controls (button, switch, etc.) are in reach of persons in the bath or under the shower.

FIXING

- Mark out the distance between the brackets and the positions for the screw holes as shown in figure 2 and the dimension tables at the top of page 7, and ensure the safety clips are used (see figure 3).

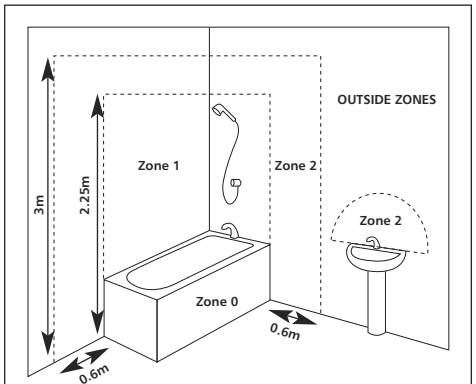


Figure 4.

4.0 Installation (cont...)

FINESSE Double Panel (refer to figure 2)

Height (mm)	300	500
C	135	205
D	90	163

Length (mm)	400	500	650	800	950	1000	1250	1300	1600	2000
A	109	160	160	160	160	160	160	160	160	160
B	203	203	355	508	660	711	965	1016	1320	1727

CONNECTION

- The electrical installation must comply with local or national regulations.
- The radiator must be connected to the electrical supply, using a switched fused spur with 3mm separation on all poles.
- If the radiator is installed in a bathroom or shower room, it must be protected with a residual current device (RCD) with a rated residual current not exceeding 30 mA.
- The radiator should be connected by a suitable and qualified electrician. Please refer to the wiring diagram (figure 5) for the connection of the radiator.

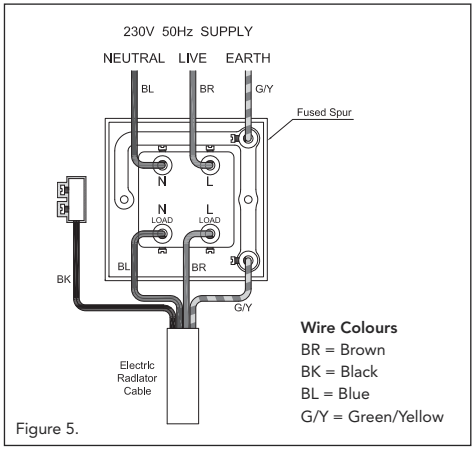


Figure 5.

5.0 Maintenance, Repair & Disposal

- Use only a damp cloth for cleaning and wiping of the radiator which should be switched off at this time.
- When scrapping the radiator, follow the regulations concerning the disposal of oil.

6.0 Waste Disposal According to The WEEE Directive (2002/96/EC)

Waste disposal according to the WEEE Directive (2002/96/EC). The symbol on the product label indicates that the product may not be handled as domestic waste, but must be sorted separately. When it reaches the end of its useful life, it shall be returned to a collection facility for electrical and electronic products. By returning the product, you will help to prevent possible negative effects on the environment and health to which the product can contribute if it is disposed of as ordinary domestic waste. For information about recycling and collection facilities, you should contact your local authority/municipality or refuse collection service or the business from which you purchased the product. Applicable to countries where this Directive has been adopted.

7.0 Operating Instructions

The On/Off button (see page 5) is located at the bottom of the control side of the radiator. The radiator should only be switched "on" when it is correctly installed and secured to the wall brackets. In the "on" position, LED A (figure 6) turns green.

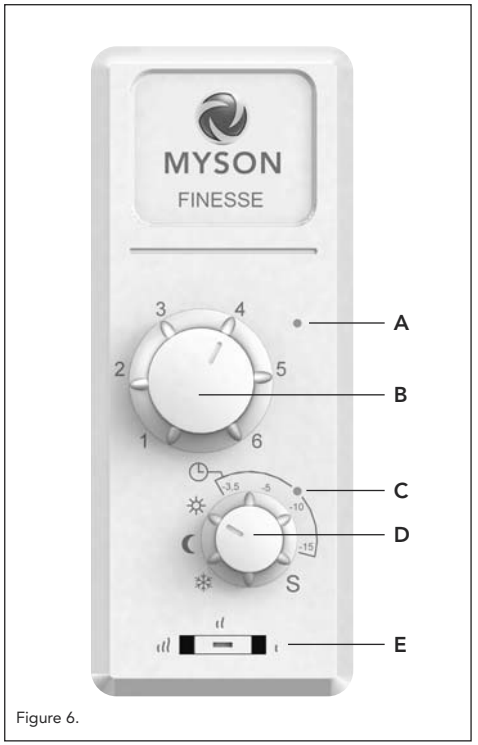


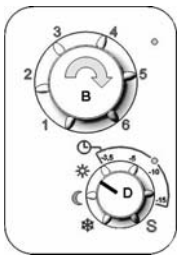
Figure 6.

7.1 Stand Alone Radiator

Select one of the following operation modes using Dial D (figure 6):

COMFORT MODE

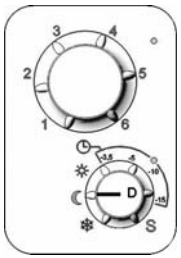
This mode is to be used during periods of normal occupancy.



- Rotate dial "D" around to the ☼ (Sun) symbol.
- Select the desired room temperature between 5 and 37°C (scale 1 to 6) using dial "B".

REDUCED MODE

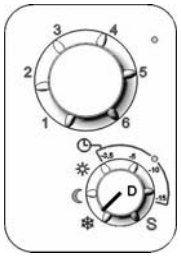
This mode is to be used at night-time or when the house is unoccupied for a few hours or more. This mode will lower the temperature of the room by 3.5°C from the "Comfort mode" set temperature.



- Rotate dial "D" around to the ☾ (Moon) symbol.

FROST PROTECTION MODE

This mode is to be used when the house is un-occupied for extended periods of time. The lowest temperature the room can reach is 7°C.



- Rotate dial "D" around to the ❄ (Snowflake) symbol.

7.2 Radiator Connected to a Wireless Wall Receiver & RF Programmer

When connected to a wireless wall receiver (figure 7), select the automatic operation mode.

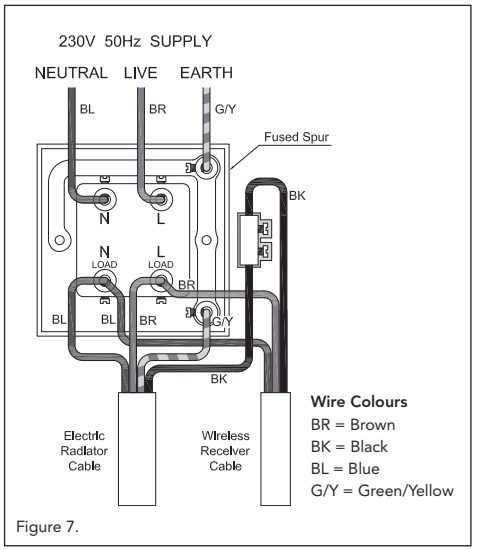
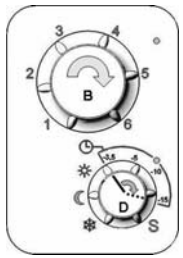


Figure 7.

AUTOMATIC MODE

This mode is to be used during periods of normal occupancy.



- Select the desired room temperature during periods of normal occupancy between 5 and 37°C (scale 1 to 6) using dial "B".
- Rotate dial "D" within the area covered by the 🕒 (Clock) symbol. The value on this scale indicates the desired temperature reduction during the night or during shorter periods of absence.
- When the house is unoccupied for longer periods (e.g. holiday) you can override the clock program by rotating dial "D" around to "Reduced" or "Frost protection" mode.

Optional Extras

RF Programmer

The MYSON FINESSE radiator can be used as a stand alone radiator or can be connected to radio frequency programmer via a wireless wall receiver. Please refer to section 9 for more information.

7.3 Other Functions

- The switch (E, figure 6) at the bottom of the control panel can be used to limit the output of the heating element in the front panel and as a consequence the surface temperature of the front panel.

60°C max.

75°C max.

90°C max.

When considering the permanent use of the radiator at 60°C or 75°C maximum, the following correction factor should be applied for the output.

Surface Temperature	Double panel
60°C max	~0.80
75°C max	~0.90
90°C max	1

E.g. A 1000 Watt double panel with the switch E on the position corresponding to 60°C will deliver maximum 800 Watts. A 2000 Watt double panel with the switch E on the position corresponding to 75°C will deliver maximum 1800 Watts. These values should be considered when selecting the number and type of panels to cover the calculated heat losses.

- Both LED indicators (A and C, figure 6) indicate the working mode of the radiator.

LED A	
Green	Radiator switched on
Red	Radiator heating
Red blinking	Sensor problem

LED C (only when external programmer connected)	
Off	Comfort mode
Green blinking (4 times-blank)	Reduced mode

8.0 Technical Characteristics

Measured temperature precision	0.1°C
Operating temperature	-10°C + 50°C
Setting temperature range	+5°C + 30°C
Control characteristics	PWM
Electrical protection	Class 1 – IP44
Power supply	230 VAC – 50 Hz
Controls consumption	~3.5 W
Output	TRIAC 230 VAC 8A
The thermostat has been designed to comply with the following Directives and Standards.	• EN 60730-01 • EN 61000-6-1 • EN 61000-6-3 • EN 61000-4-2 • LV Directive 2006/95/CE • EMC Directive 2004/108/CE

9.0 Optional Extra - RF Programmer

- Install and plug the radiator into a switched fused spur along with the wireless wall receiver. NB: The RF programmer will not work without the wireless wall receiver.

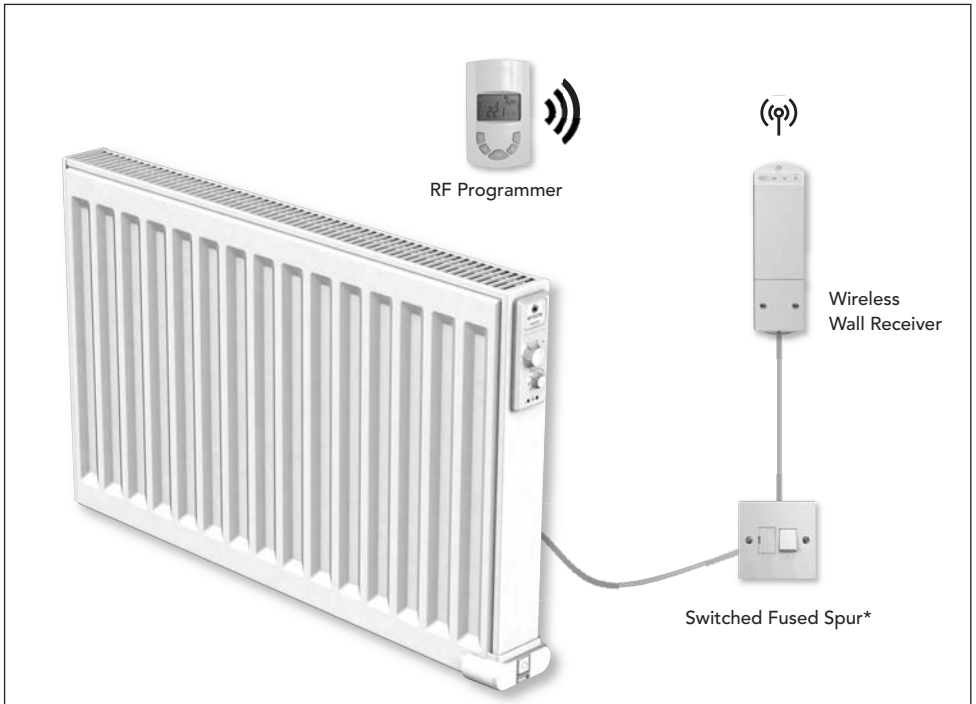


Figure 8.

- Install the RF programmer in a suitable location.
- Connect the wireless wall receiver to the RF programmer using the manufacturers instructions on both products.

PLEASE REFER TO THE MANUFACTURERS MANUAL FOR FULL INSTALLATION INSTRUCTIONS.

*When installing in a bathroom or wet room, please refer to the installation positions in Section 4.0 Installation on page 6.